

Center for Plant Health, 8801 East Saanich Road, Sidney, British Columbia V8L 1H3, Canada. Received 08/24/1984.

PI 588841. *Malus domestica* Borkh.

Idared. Collected in United States. Pedigree - Jonathan x Wagener Selected 1935; intro: 1942 Pollinate with Summered, Spartan or Lodi. Comments:: Size large 78-80:63-66 mm; shape flat, rectangular, convex, ribbed on body; skin yellow with bright red flush and flecks hammered; flesh white, slightly tinged green; flavor slightly sweet, moderately acid. Excellent dessert apple, good for baking sauce and pies. Keeps well in storage. Season mid to late. Small-med. tree bears heavy crops annually. Susceptible to fire blight. Some resistance to scab. {Additional Lit.Citation: Bultitude, J., 1983, Apples p.199}.

The following were developed by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Donated by Dan Thompson, Agriculture Canada, Center for Plant Health, 8801 East Saanich Road, Sidney, British Columbia V8L 1H3, Canada. Received 08/24/1984.

PI 588842. *Malus domestica* Borkh.

Empire. Collected in United States. Open-pollinated seeds collected from McIntosh fruits borne in Claverack, New York, United States. Pedigree - McIntosh x Red Delicious M-5 seed produced 1945, first fruited 1954; named and intro. 1966. Comments:: Size medium to large, shape intermediate to flat, truncate conic to rectangular, convex, slightly ribbed; skin solid red with slight striping, thick, waxy; flesh crisp, creamy; flavor subacid, aromatic. High quality dessert apple also good for cider. Season mid to very late. Vigorous, upright early bearing tree, spur type habit; produces annually, needs some thinning. Self-fruited. Ripens two weeks after McIntosh and hangs on tree longer. Hardy to -30 degrees F. Storage: 160 days at 30 degrees F. Additional LIT.CIT: Whealy, K. 1989. Fruit, Berry and Nut Inventory, p. 42.

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PI 588843. *Malus domestica* Borkh.

Bessemianka Michurina. Pedigree - Skrizhapel x Bessemyanka Komsinskaya The seed gave cotyledons Cross made in 1912. Comments:: set 15% fruit - parthenozrpy Early large leaves Medium, broad broken carmine stripes. Flesh juicy, winy, sweet-sour flavor; very good keeper; hardy; frost resistant. GMAL 344 & 437 like duplicates.

PI 588844. *Malus domestica* Borkh.

Fuji Red Sport Type 2. Collected in Japan. Comments:: Mutation of Fuji; reported to have more red pigment in fruit skin.

PI 588845. *Malus domestica* Borkh.

M.8. Collected in England, United Kingdom.

PI 588846. *Malus domestica* Borkh.

Battleford. Comments:: Fruit: 7 cm, pale green striped red with bloom Flesh: white coarse and crisp, slightly tart. Will bruise from early spring hail. Good dessert, fair cooking and keeping. Standard size. Susceptible to fire blight. Good breeder. Appears to have been introduced by W.J. Boughen, Boughen Nurseries, Valley River, Manitoba, Canada.

PI 588847. *Malus x platycarpa* Rehder

Collected in United States.